

# **METHOD AND APPARATUS FOR ACQUIRING A SERIES OF IMAGES UTILIZING A SOLID STATE DETECTOR WITH ALTERNATING SCAN LINES**

## **Abstract of Disclosure**

An x-ray detector is provided to acquire an image. The x-ray detector comprises detector elements that store a charge representative of an x-ray level. The detector elements are arranged in rows and columns. Scan lines are arranged in rows or columns and connect to the detector elements. First and second sets of sensing circuits read the charge from the detector elements. A first set of data lines connects to the first set of sensing circuits and a second set of data lines connects to the second set of sensing circuits. At least one of the data lines from the first set of data lines is interspersed with the second set of data lines.

[illegible]